

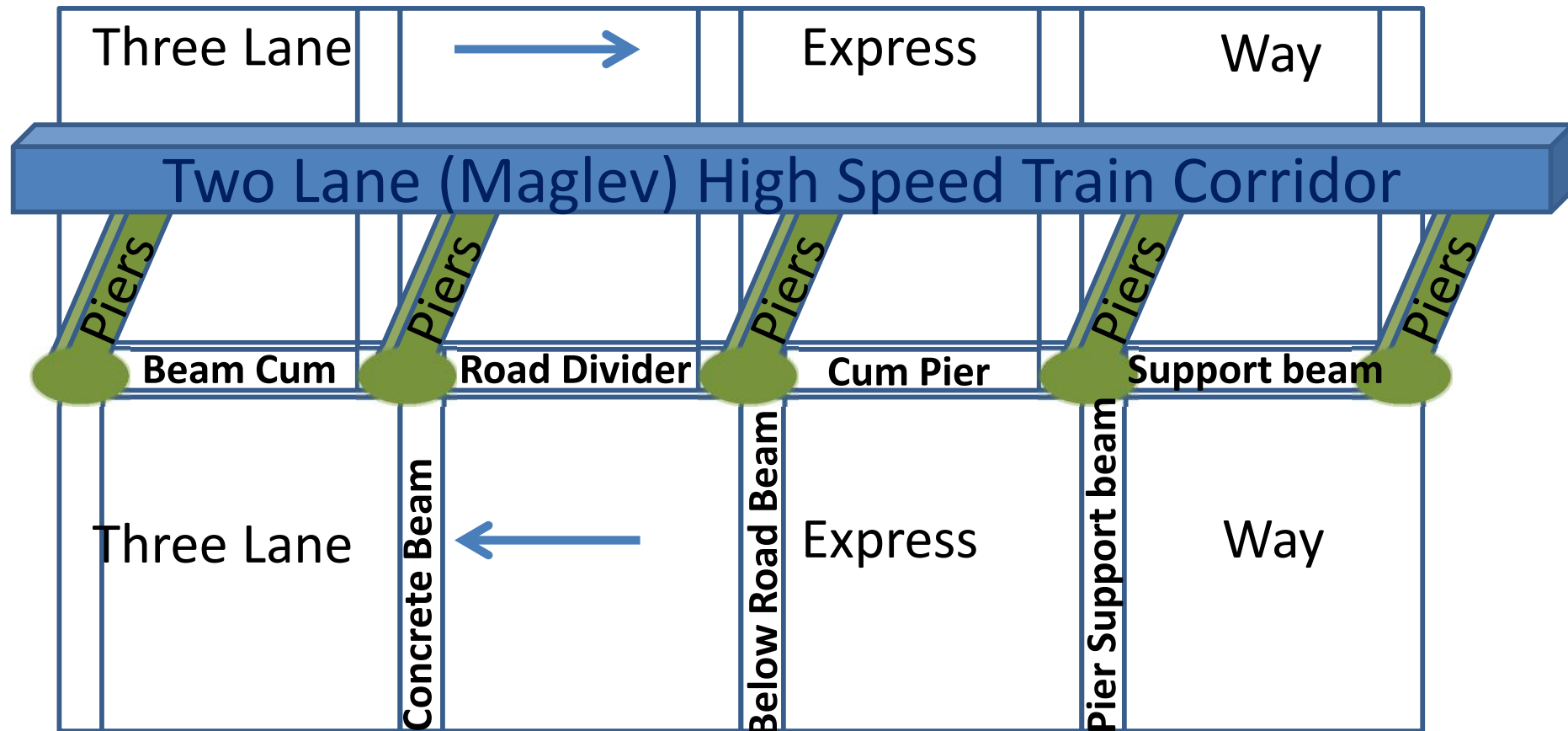
WHY IT IS NOT CONSIDERED FOR CONSTRUCTION OF EXPRESSWAY CUM HIGH SPEED TRAIN CORRIDOR

One Time Land Acquisition – One Time Construction
Cost for Both – Pollution Control – Possible to Run
Trucks / Bus Lane on Electricity – Reduction to
Petroleum Import Cost

Submitted by :: Roshan Chapagain

Cheapest Way to Execute the High Speed Train Corridor Cum High Speed Corridor

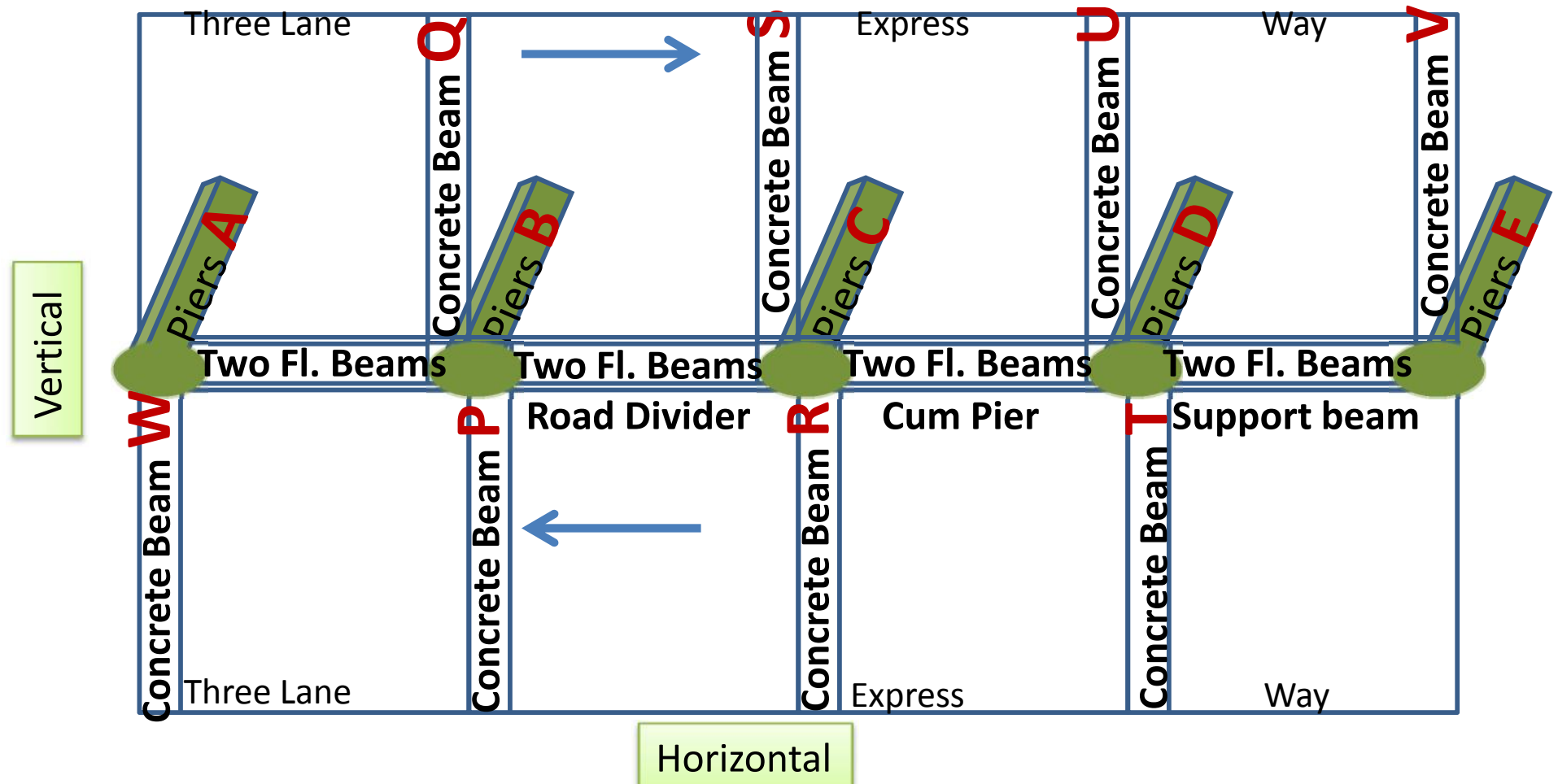
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Remember if we construct Express Way Cum Elevated (Maglev) High Speed Train Corridor than cost of Elevated Corridor may be possible less than 10 - 15 % of separate Elevated Corridor constructed elsewhere

Why cost of Elevated Corridor May be Less Than 10 - 15 % of Elevated Corridor Constructed Elsewhere

3



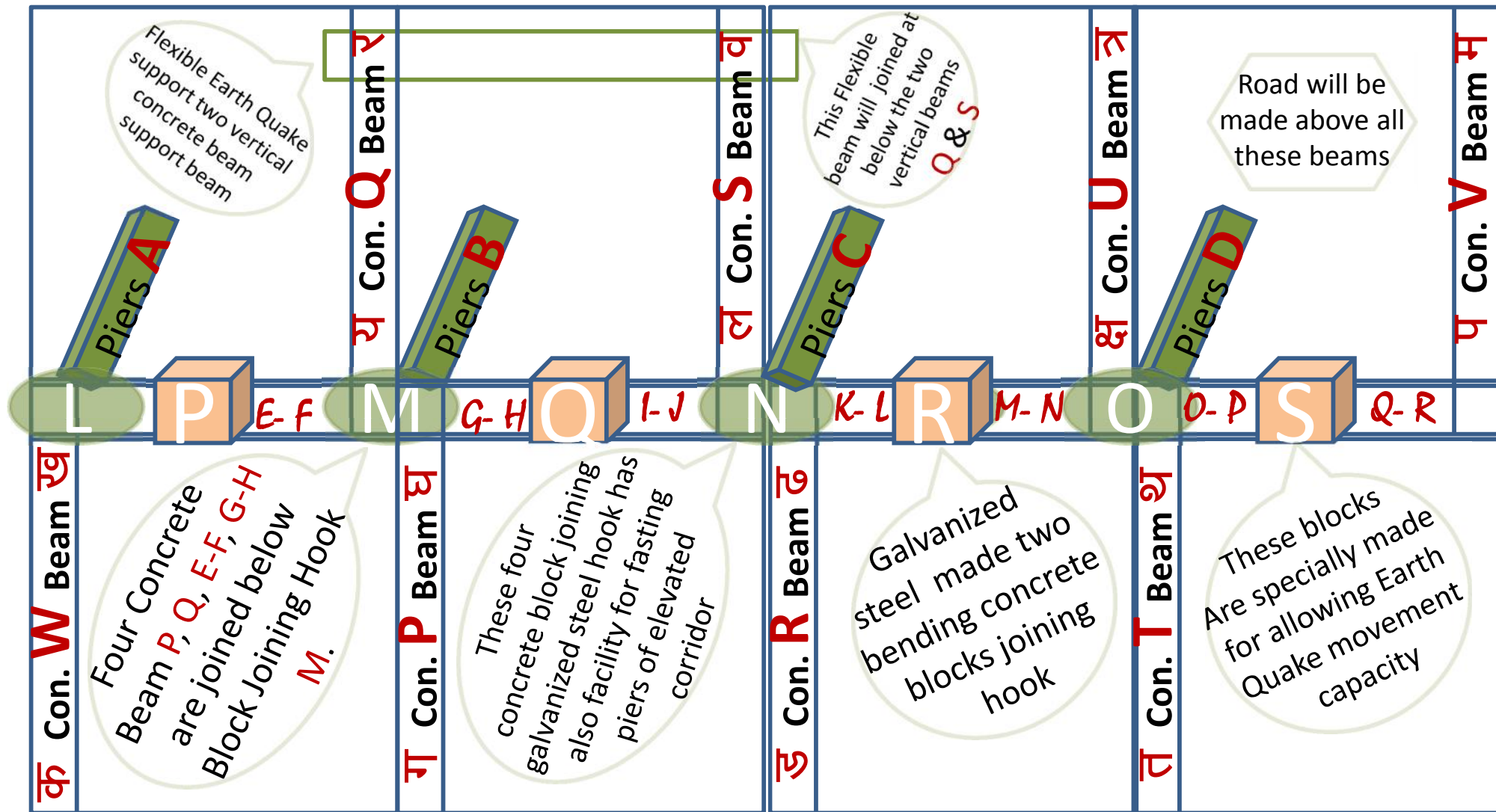
Pier A/B/C/D/E are of same factory made shape & size

Concrete Beam P/Q/R/S/T/U/V/W are of same factory made shape & size

Horizontal Flexible Beam are of same shape & size

Speciality of Completely Prefabricated Concrete Block Based Expressway cum Elevated HSR Corridor

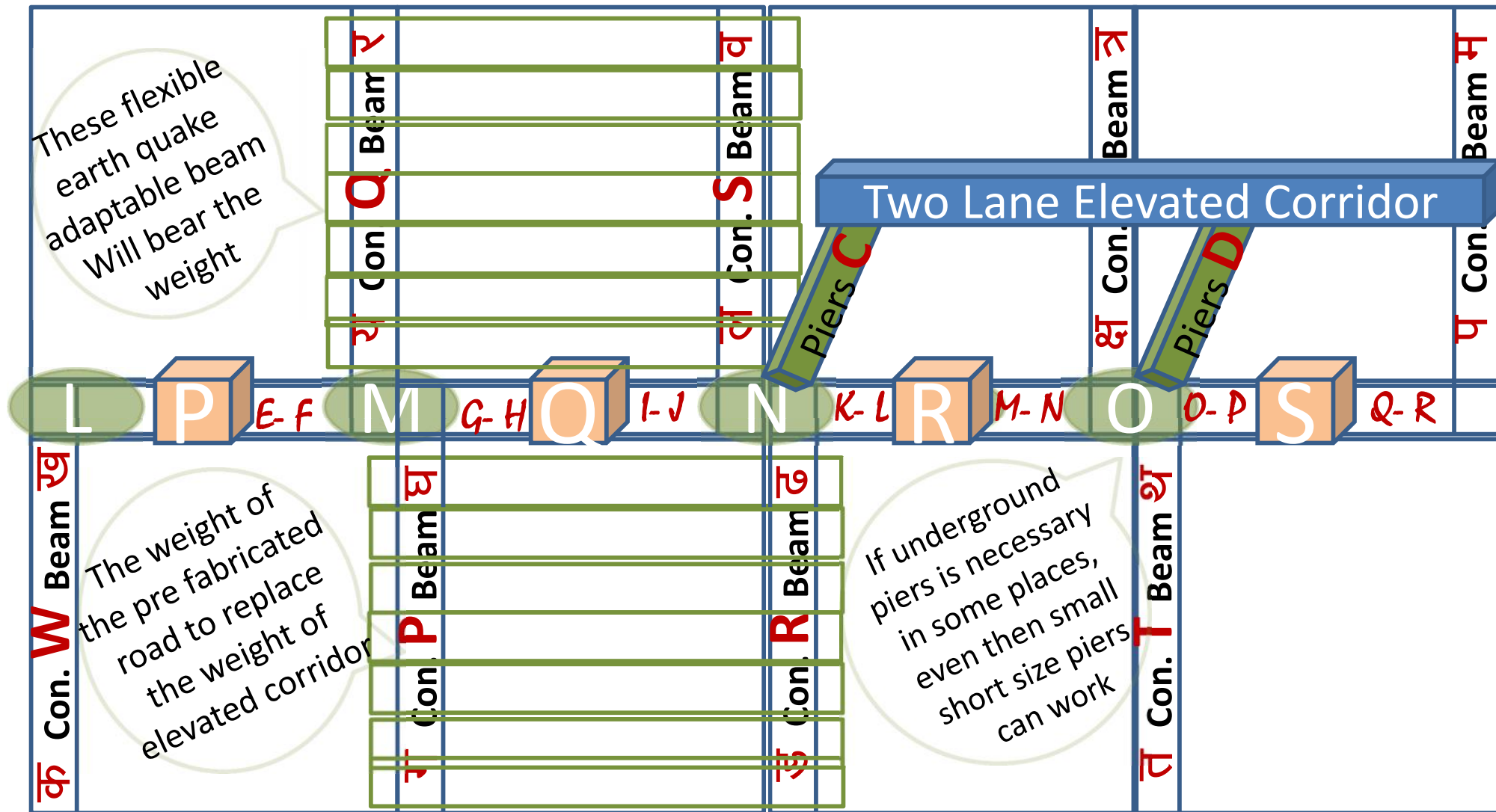
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P/Q/R/S Blocks are joining hook to fasten two bending horizontal blocks
 M/N/O Steel Blocks meant for joining 2 Horizontal and 2 Vertical concrete beams. It has further joining points to stand piers of the elevated corridor

If Every Part to the Road to Be Constructed on Pre-Fabricated Blocks ! Then Project Cost will Be Less!

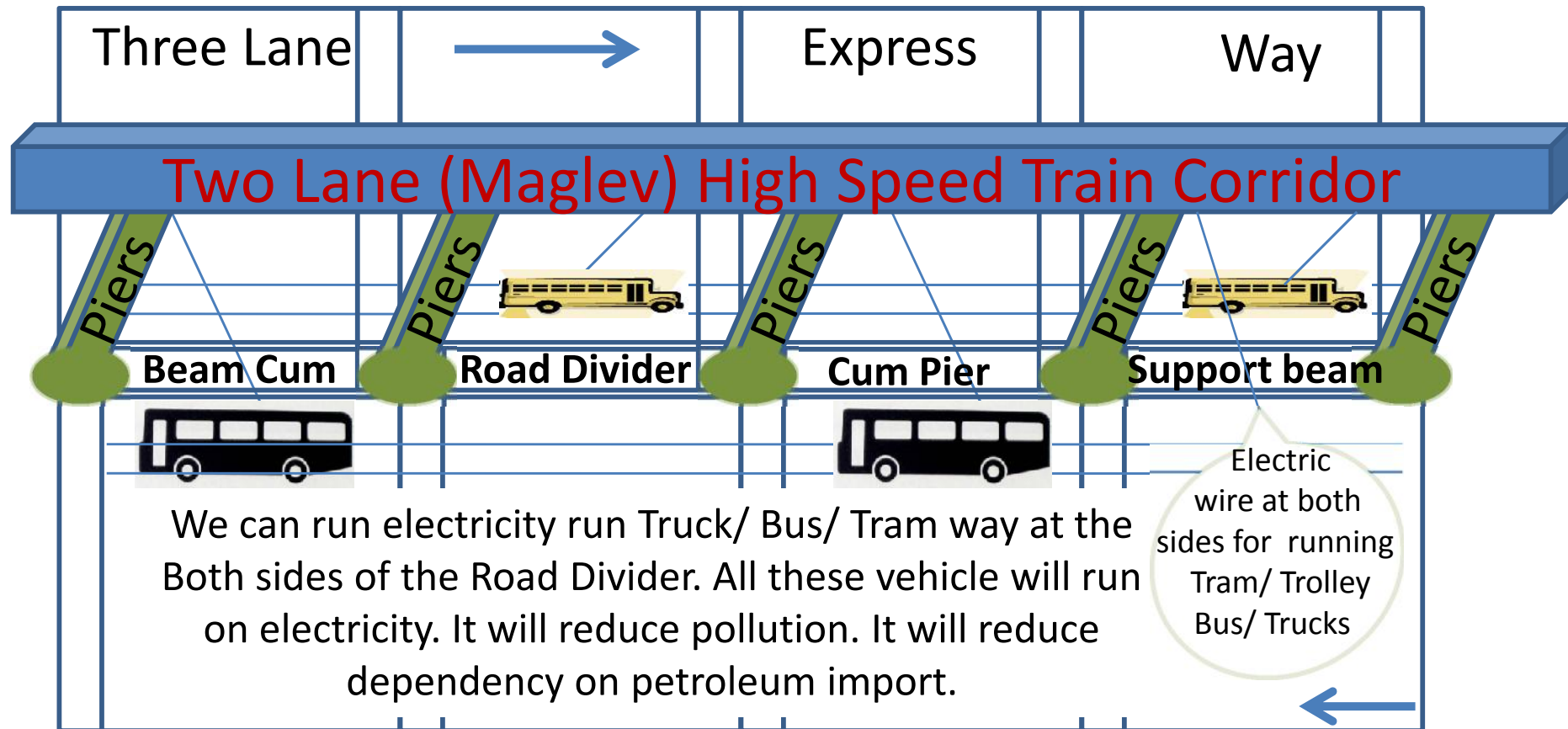
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It is possible that in some places underground piers support may also be necessary. It is a matter of engineering. However, still then small size short length pre-fixed piers can work the task

We can Even Run Tram Way Truck/ Bus Corridor at the Both Side of the Elevated Corridor

6



There are multiple benefit, if development is to be done wisely. We can construct Road cum Elevated Corridor which can still help for supporting wire for running Trolley/ Tram

There are Many Benefits if Development is to Be Done Multifaceted Government Sponsored

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There is virtually no expressway is constructed in Indian subcontinent as compared to China and / or Western World. Hence, if expressway is to be constructed in future, even then, if some specific planning is done at preliminary stage, it would have multifaceted benefits.

Thank You